

Aeshna juncea* (Sedge Darner)*Priority 2 Species of Greatest Conservation Need (SGCN)****Class:** *Insecta* (Insects)**Order:** *Odonata* (Dragonflies And Damselflies)**Family:** *Aeshnidae* (Darners)**General comments:**

Only 1-2 wetlands; habitat abundance and similarity of appearance suggest further survey effort

Species Conservation Range Maps for Sedge Darner:Town Map: [Aeshna juncea_Towns.pdf](#)Subwatershed Map: [Aeshna juncea_HUC12.pdf](#)**SGCN Priority Ranking - Designation Criteria:****Risk of Extirpation:** NA**State Special Concern or NMFS Species of Concern:***Aeshna juncea* is listed as a species of Special Concern in Maine.**Recent Significant Declines:** NA**Regional Endemic:** NA**High Regional Conservation Priority:****Northeast Odonate Conservation Assessment:**

Vulnerability: High, Responsibility: Shared

Notes: Occurs in one or two states only

High Climate Change Vulnerability:

Vulnerability: 3, Confidence: Medium, Reviewers: 1

Understudied rare taxa:

Recently documented or poorly surveyed rare species for which risk of extirpation is potentially high (e.g. few known occurrences) but insufficient data exist to conclusively assess distribution and status. *criteria only qualifies for Priority 3 level SGCN*

Notes: Only 1-2 wetlands; habitat abundance and similarity of appearance suggest further survey effort

Historical: NA**Culturally Significant:** NA**Habitats Assigned to Sedge Darner:****Formation Name Boreal Upland Forest****Macrogroup Name Boreal Upland Forest****Habitat System Name:** Boreal Upland Forest Macrogroup - Unknown Habitat System **Notes:** *secondary (riparian only); range of habitat system use undocumented***Formation Name Freshwater Marsh****Macrogroup Name Emergent Marsh****Habitat System Name:** Laurentian-Acadian Freshwater Marsh **Notes:** *potential; where extensive sedge marshes and mossy fens present***Macrogroup Name Wet Meadow-Shrub Marsh****Habitat System Name:** Laurentian-Acadian Wet Meadow-Shrub Swamp **Notes:** *potential; where extensive sedge marshes and mossy fens present*

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Stressor Priority Level based on Severity and Actionability		Moderate Severity	High Severity
	Highly Actionable	Medium-High	High
	Moderately Actionable	Medium	Medium-High
	Actionable with Difficulty	Low	Low

IUCN Level 1 Threat **Other Options****IUCN Level 2 Threat:** Lack of knowledge**Severity:** Moderate Severity**Actionability:** Highly actionable**Notes:** Lack of comprehensive survey effort to identify additional occurrences and determine species status**IUCN Level 1 Threat** **Biological Resource Use****IUCN Level 2 Threat:** Logging and Wood Harvesting**Severity:** Moderate Severity**Actionability:** Moderately actionable**Notes:** Intensive forestry in the shoreland zone could affect water quality and riparian habitat**IUCN Level 1 Threat** **Climate Change and Severe Weather****IUCN Level 2 Threat:** Habitat Shifting or Alteration**Severity:** Moderate Severity**Actionability:** Actionable with difficulty**Notes:** Climate change; mostly boreal species near edge of range in northern fen habitats**Species Level Conservation Actions Assigned to Sedge Darner:**

None. *Only species specific conservation actions that address high (red) or medium-high (orange) priority stressors are summarized here.*

Conservation Actions Associated with the Palustrine Odonates Guild:**Conservation Action** **Category:** Research **Biological Priority:** high **Type:** new

Prepare a statewide atlas and conservation assessment.

Stressor(s) Addressed By This Conservation Action

Lack of knowledge

Broad Taxonomic Group Conservation Actions:

Additional relevant conservation actions for this species are assigned within broader taxonomic groups in Maine's 2015 Wildlife

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Action Plan: Element 4, Table 4-1.

Habitat Based Conservation Actions:

Additional conservation actions that may benefit habitat(s) associated with this species can be found in Maine's 2015 Wildlife Action Plan: Element 4, Table 4-15. Click on the Habitat Grouping of interest to launch a habitat based report summarizing relevant conservation actions and associated SGCN.

The Wildlife Action Plan was developed through a lengthy participatory process with state agencies, targeted conservation partners, and the general public. The Plan is non-regulatory. The species, stressors, and voluntary conservation actions identified in the Plan complement, but do not replace, existing work programs and priorities by state agencies and partners.